

**Notice of Allowability**

Application No.

09/813,115

Examiner

HOSUK SONG

Applicant(s)

FAHRAEUS ET AL.

Art Unit

2135

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/5/07.
2. ☒ The allowed claim(s) is/are 1,3-13,15-41,43,45-59 and 61-71.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 09813115
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
HOSUK SONG  
PRIMARY EXAMINER

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ms. Penny Caudle on 3/5/07.

Following claims has been amended as follows:

1. A method for controlling access to an access protected unit, the method comprising:  
reading at least one pair of absolute coordinates from an encoded base;  
checking if the pair of coordinates are within a coordinate area belonging to an authorized user; and  
granting access by the authorized user to the access protected unit if the coordinates are within the coordinate area belonging to the authorized user, otherwise denying access; and wherein reading at least one pair of absolute coordinates from an encoded based includes recording a pattern from the base with a digital pen, and converting the recorded pattern into a pair of coordinates.

2. (Canceled).

11. A system for controlling a user's access to an access protected unit, comprising:  
a user unit for reading at least one pair of absolute coordinates; and  
a checking device which determines whether the at least one pair of coordinates are associated with at least one coordinate area belonging to an authorized user for authorizing access to the access-protected unit, and providing an enabling signal to the access protected unit when the checking

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device determines that access is authorized, wherein the user unit is further operable to read a sequence of coordinate pairs which describe displacement of the user unit when a user is writing with the user unit.

14. (Canceled).

15. The system of claim ~~14~~ 11 wherein the checking device is operable to compare the sequence of coordinate pairs with a stored sequence of coordinate pairs and, on the basis of a favorable comparison, to provide an enabling signal to the access protected unit.

30. A checking device for checking a user's access to an access protected unit, the checking device comprising:

memory for storing information about at least one coordinate area; and a processor operative to:

receive at least one pair of absolute coordinates;

determine whether the at least one pair of coordinates are associated with the stored information for authorizing access to the access-protected unit;

provide an enabling signal to the access-protected unit if the processor determines that access is authorized; read an identification code from a digital pen;

check if the identification code from the digital pen corresponds to an authorized identification code; and grant access by the user to the access protected unit if the identification code from the digital pen corresponds to the authorized identification code.

42. (Canceled).

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43. A computer-readable medium containing instructions for controlling access to an access protected unit, the instructions comprising:

reading at least one pair of absolute coordinates from a base;

checking if the pair of coordinates are within a coordinate area belonging to an authorized user; and granting access by the authorized user to the access protected unit if the coordinates are within the coordinate area belonging to the authorized user, otherwise denying access; and

wherein reading the at least one pair of coordinates includes recording a pattern from the base with a digital pen, and converting the pattern into a pair of coordinates.

44. (Canceled)

59. A base for controlling access to an access protected unit; comprising:

a substrate;

a writing field associated with the substrate; and

a position coding pattern associated with the writing field, wherein the position coding pattern encodes at least one pair of absolute coordinate positions used to grant access authorization, whereby the position coding pattern is read during an unformatted displacement of a user unit over the writing field, and wherein the user unit is configured to convert the position coding pattern to the at least one pair of coordinates.

60. (Canceled)

61. The base according to claim ~~60~~ 59, wherein the user unit is configured to read a sequence of coordinate pairs describing the displacement of the user unit, and further wherein the

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sequence of coordinate pairs are compared to a stored sequence of coordinate pairs for granting access authorization.

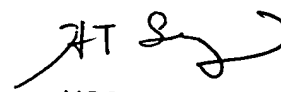
71. (New) The method according to claim 65, further comprising:  
checking if the pair of coordinates are within a coordinate area belonging to an authorized user.

***USPTO Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to HOSUK SONG whose telephone number is 5712723857. The examiner can normally be reached on mon-fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, KIM VU can be reached on 5712723859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
**HOSUK SONG**  
**PRIMARY EXAMINER**